

COMPLETE SET OF PENDING CLAIMS

1. (Original) A replaceable printer component comprising:
a thermal sense resistor having a first resistance; and
a resistance modifier coupled to the thermal sense resistor for modifying the first resistance.
2. (Original) The replaceable printer component of claim 1, and further comprising:
a memory for storing a resistance value representing a magnitude of the modified first resistance.
3. (Original) The replaceable printer component of claim 2, wherein the memory is a ROM.
4. (Original) The replaceable printer component of claim 2, wherein the stored resistance value also represents at least a portion of a second type of component information.
5. (Original) The replaceable printer component of claim 4, wherein the second type of component information is component uniqueness information.
6. (Original) The replaceable printer component of claim 4, wherein the second type of component information is pen uniqueness information.
7. (Original) The replaceable printer component of claim 1, wherein the replaceable printer component is an inkjet printhead assembly.
8. (Original) The replaceable printer component of claim 1, wherein the replaceable printer component is an inkjet cartridge.
9. (Original) The replaceable printer component of claim 1, wherein the resistance modifier is a conductor for shorting a portion of the thermal sense resistor.

10. (Original) The replaceable printer component of claim 1, wherein the thermal sense resistor includes a serpentine-shaped portion having a plurality of transition regions.

11. (Original) The replaceable printer component of claim 10, wherein the resistance modifier is a conductor positioned near at least one of the transition regions for shorting a portion of the thermal sense resistor.

12-23. (Canceled)

24. (Original) A printing system comprising:

an inkjet printhead assembly including at least one inkjet printhead for selectively depositing ink drops on print media;

an ink supply for storing ink to be provided to the at least one inkjet printhead;

a thermal sense resistor having a first resistance;

a resistance modifier coupled to the thermal sense resistor for modifying the first resistance;

a memory device for storing a resistance value representing a magnitude of the modified first resistance; and

a controller coupled to the memory device and responsive to output of the memory device, the controller configured to determine a temperature of a component within the printing system based at least in part on the stored resistance value.

25. (Original) The printing system of claim 24, wherein the memory device is a ROM.

26. (Original) The printing system of claim 24, wherein the stored resistance value also represents at least a portion of a second type of component information.

27. (Original) The printing system of claim 26, wherein the second type of component information is component uniqueness information.

28. (Original) The printing system of claim 24, wherein the resistance modifier is a conductor for shorting a portion of the thermal sense resistor.